

**ENVIRONMENTAL SERVICES UTILITY  
BOARD MEETING AGENDA**

Tuesday, January 17th, 2023

5:30PM

- I. Public Comments
- II. Roll Call
- III. Approval of Minutes
- IV. Approval of Bills
- V. Reports
  - A Monthly Activity
  - B Financials *(to be distributed)*
- VI. Old Business
  - A Hydro Update
- VII. Unfinished Business
- VIII. New Business
  - A Sewer Investigation and Rehabilitation Update– Joe Sullivan
  - B Recommendation to Request \$600,000.00  
from the Committee of Whole for Sewer Repair
- IX. Executive Session (if necessary)
- X. Adjournment



**ENVIRONMENTAL SERVICES UTILITY  
BOARD MEETING  
DECEMBER 19TH, 2022  
SUMMARY OF MINUTES**

The meeting for Kankakee Environmental Services Utility was held on Monday, December 19th, 2022 at 5:30 P.M. in the Public Safety Building.

**ESU Board Members Present**

Mayor Chris Curtis  
Clerk Stacy Gall  
Ald Carmen Lewis  
Ald Mike Prude  
Ald Mike O'Brien  
Ald Larry Osenga  
Ald Danita Swanson  
Ald Kelly Johnson  
Ald Reginald Jones

**ESU Staff Present**

Zach Newton, GIS/Opers Mgr  
James Lopez, DPW Opers Mgr  
Frank Hasik, Opers Mgr  
Ryan McGinnis, Opers Mgr  
Elizabeth Kubal, Comptroller

**Additional Present**

Ald Lance Marczak  
Keith Mohulland, Robinson Engineering

*(Microphones were not turned on at the beginning of meeting).*

## CALL TO ORDER

**MAYOR CURTIS:**

Good evening everyone. We will call the Environmental Services Utility Board Meeting to order for Monday, December 19th, 2022. We will start with public comments. Any public comment today? Seeing none, we'll move on to Roll Call

## ROLL CALL

**ZACH NEWTON:**

Ald Lewis - Present	Ald Swanson – Present
Ald Prude – <small>(in after roll call at 5:35pm)</small>	Ald Johnson - Present
Ald O'Brien - Present	Ald Jones - Present
Ald Osenga – Present	Clerk Gall – Present
Mayor Curtis - Present	
<b>PRESENT: 8</b>	<b>ABSENT: 0</b>

## APPROVAL OF MINUTES

**MAYOR CURTIS:**

We do have a quorum? Moving on to section three. We are looking for an approval of the minutes for Monday, November 21st, 2022.

**ALD OSENGA:**

Motion to approve.

**ALD JONES:**

Second.

**MAYOR CURTIS:**

Motioned by Alderman Osenga and Seconded by Alderman Jones. Any questions, comments, changes, additions to the minutes? Hearing none, Roll Call.

**ZACH NEWTON:**

Ald Lewis - Aye	Ald Swanson – Aye
Ald Prude – Aye	Ald Johnson - Aye
Ald O'Brien - Aye	Ald Jones - Aye
Ald Osenga – Aye	Clerk Gall – Aye
<b>AYES: 8</b>	<b>NAYS: 0</b>

## MONTHLY ACTIVITY REPORTS

**MAYOR CURTIS:**

We will move to the reports and we'll begin with monthly activities and we'll start with ESU Street & Alley report.

**JAMES LOPEZ:**

DPW is running in a routine manner (*inaudible*).

*(Microphones have been turned on at this time)*

**MAYOR CURTIS:**

Technical Services Report. Clara is not here she is out today. You do have your report in the packet there. If you have any questions we'll try to answer maybe Zach can help with this and I do want to comment again, her team

along with Kyle and Eric and others. They did a lot of hard work and decorate the city and making sure that a lot of those look extra special and Zach and his team with the grounds and everything. Now we appreciate this. Any questions regarding the Technical Services report? You know, they've been very busy with the different lighting a lot of different things going on with street lighting, electrical stuff within the city. Also, with a lot of different things involving sewer.

**ALD PRUDE:**

I just want to thank Zach, Clara and their teams for the decorations. It looks good. Thanks, great job!

**MAYOR CURTIS:**

There's a smile on her face appreciate it!

**ALD OSENGA:**

Do take care of the traffic lights, red light, green light, traffic control light, do they take care of that?

**MAYOR CURTIS:**

It depends. So, some of it they can take care of some of the city ones it depends on State Route sometimes they will use Outsen Electric for particular some of that stuff. It just depends on the situation and what they can handle inhouse. They can look into it.

**ALD OSENGA:**

I'll talk to Zach after the meeting.

**MAYOR CURTIS:**

I know like we had a problem with the streetlight at Oak and Schuyler they took care of it. But sometimes when you get some of the state routes and stuff they'll call Outsen Electric for that. Next, we'll have Mr. Newton he will come up and talk to us about Sewer Services.

**ZACH NEWTON:**

It's been a pretty busy month. I just have to say that we had a pretty good month with maintenance cleaning. We only had one sewer. And with construction season piping down it's freed up the crews to be able to get out there and get the sewer lines water lines. Proactively six, six and a half miles worth it. They hooked us up quite a bit so now we can remote into some three computer that's where all of our alarms our SCADA systems do so we don't have to drive to someone's ready to take a look at the computer system we can we can get into the computer. Likewise, same thing with the hydro being able to remote into that computer and see what's going on with a computer so making some good progress on that I cleaning televising is now done it couldn't be more as just because in the very early stages

that. The televising is done in lower Riverview. The underwater dam inspection (*inaudible*). The FERC emergency action plan that we have to do every year for the dam, safety plan and the dam safety surveillance monitoring board is to keep on track with that. The flow meters, if you look at the last page, I included the last big day you can really see the I&I so that was so before the rain. The depth of the sewer line was 3.8 inches at the peak of the rain it got to 17.25. So, I did the math so you wouldn't have to. Elizabeth can back me up on this. to your image variable was that is a 1000 (*inaudible*) so that that's significant.

**MAYOR CURTIS:**

We've had three, this was the rainfall for like last Wednesday, Thursday. I believe that we had those big days but we've had basically since the flow meters have been put in three significant rains. So, we have some good data. Now that once they start doing the manhole repairs, when we talk about also doing the sewer lining repairs that we can wake up hopefully next summer, we'll see some of these flow data and see how much bang for buck and we're getting into the repairs and how much we can increase our flow. Go ahead...

**ALD JOHNSON:**

The measurements were those just taken where we're doing the (*inaudible*).

**ZACH NEWTON:**

That we're focusing on for the (*inaudible*) 17 inches.

**ALD MARCZAK:**

Has anyone every figure out what percentage of homes are still dumping their sump pump water into the system?

**ZACH NEWTON:**

I know that probably not quite a few years but almost quite a few years ago. There was a smoke testing programs to find those new connections disconnectors so I would say that as many as there were there still might be a few. Yeah, I think it I think it would be that something that I've been talking to the crew about doing in the spring. I think it would be good to take a look at it.

**ALD O'BRIEN:**

The licensing process the current game is good through 2020 How's that process? Are we on track with renewal?

**ZACH NEWTON:**

Yeah, so right now, it's just a lot of hurry up and wait. We've sent questionnaires that different stakeholders say that the hydro plant we've gotten some responses back on

that. But we're still waiting for a few more. And then from there, we just kind of set up the next the next phase and that would be putting all that together sending the free notice of intent to FERC and then from there, they're gonna tell us what meetings that we need to have.

**ALD O'BRIEN:**

Who are the stakeholders?

**ZACH NEWTON:**

Quite a bit. There was there was some different, Native American tribal interests, there was some historic societies, different conservation groups.

**ALD O'BRIEN:**

So there have been the regulation or we come up with people to be notified?

**ZACH NEWTON:**

I think there's, I think, has some general guidelines about who they would want to but basically, you want to kind of you want to kind of do all that you could possibly think of just so that FERC can't come back and say why didn't you do this. So, there's no real, I don't think there's any *(inaudible)* about it.

**MAYOR CURTIS:**

Any other questions for Mr. Newton? Okay. Next, we're going to move into Lab Services.

**RYAN MCGINNIS:**

A couple of things. One is it that truck, I appreciate your approval on this *(inaudible)*. Then also the ICP will give you an update. So, we are kind of on preliminary stage we've got a few sets of samples on through that so results here are adequacies.

## **FINANCIALS**

**MAYOR CURTIS:**

Everything else, is pretty much right on target. Any questions for Ryan? We're gonna move into the financials and control approval lead us through that. Everybody got those distributed to you there? So, Comptroller Kubal?

**ELIZABETH KUBAL:**

Thank you, Mayor. As you know, the end of November is what we're looking at that it's a seventh month point take us to the guide rails as I was kinda like to say 58.3% Same story. There were no surprises in the month of November and we're still really holding expensive down across the entire Utility and revenues are stronger than anticipated. They're just slightly stronger as we know we've got to be a little tighter on the revenues. But we'll look at that here as



we get in the 51 which is our administration category. This categories at obviously 44.2% year to date, all the categories in here with the exception of the audit services are well underneath budget for the year. So that category is looking very strong sewer services is at 53.8%. There are pulling items that are a little bit over but when you actually look at the dollars connected with those line items, only hundreds of dollars over and not that big of an impact. Overall, though that whole category looks very strong. The overtime is at 56.4% for Sewer Services. This training a little bit higher than I would like it right now. But we just have a couple of events over the summertime that we had to take care of, as opposed to more this winter but we'll hopefully have that smoothed out for the rest of this fiscal year. The bottom of the page there says Wastewater Treatment it's at 15.3%. As we've made all of our payments to KRMA as we are supposed to tab page two, you got Technical Services. There are 56% couple of line items that are a little bit over but several obviously that are not overtime. Same situation there, overtime is that that yeah that a little bit running extra and we will pay close attention to the labor category. I've not had a chance to take a deeper dive into that line item to see but I believe that perhaps something got maybe misbooked which is what I'm thinking because usually this category salaries within Tech Services is spec on so I don't know what's going on there unless we had a buyout that I have forgotten about which is always possible with the timing of that early in the fiscal year. So, I will take a look at that. I will circle that for you. Laboratory Services, looking very, very strong 51.9% Overall, all the salary categories are spot on. Overtime, obviously very, very minor, looking very good. I know we've had some expenses come through these kind of good waves. I feel I think Ryan would agree with me, you know, sometimes we have to purchase a certain supply or sometimes we have to check our newer contracts. Sometimes those come in kind of waves but overall looking very, very strong. Debt service at the bottom of page two is at the 50.3%. As those all those payments have been amortized. We did make some point in the month of November we had some bond payments that were due at the beginning of the month that those were satisfied, of course and then coming up. The ones that we've got coming up on the horizon are on the geo side of life, not issue side. Again, we will pay those in May. Top of Page Three is public works at 55.7% overall, looking good contractual

services running a little bit higher. We know the salary though the first item is because of a because of a close out with an employee we know that that's why that is a little bit higher and that's getting smoothed out as we speak.

Contractual services little bit higher but overall, vehicle maintenance repair we knew that we keep getting the updates from DPW that you know our equipment is getting older and it's other vehicles are needing more repairs and that cost has gone up but overall still great at 55.7%. And overall the utility at the seventh month point is at 54.4%. I couldn't be more pleased with that right now at this point in the year. We know like James alluded to before, we've got some expensive weeks coming up here we know that we know that those pennies from Heaven fall and we've got to take care of them. So, we will definitely have some costs going into that but I feel like we're in a good position going getting ready to go into that time of year where we do have some unexpected events with overtime and such going into revenue. Revenues are still very strong into November.

Most of that is because as you know our industries are kind of ramping up for the preparation prior to the holidays. So, we tend to have some bigger Bill billing months. And this was no different than any other November. Residential is actually down just a little bit from last month but very close to your to date. Industrial sewer is now trending a little bit higher than year to date during that (*inaudible*) and now we will start to see that slowly kind of start to back out a little bit Ryan just reported to me you know this last week that you know basically into the Mayor, the time is here. The industries are backing down at the holidays a lot of them have mandatory shutdowns and such so we will see that scale back a little bit in the upcoming months. There was obviously the karma contract brought in the \$35,094 and then the miscellaneous revenue is kind of a collaboration of about three things rubbish. Some grass and some true miscellaneous. And it's trending higher here today. So, revenues are at 59.2% basically trending exactly where we would expect. We've been lagging as you recall just a wee bit and now we've kind of caught up a little bit. We'll have a little bit more catch up I think next month, and then we'll hopefully build a maintain for the rest of the fiscal year. Are there any questions?



## **APPROVAL OF THE BILLS**

**MAYOR CURTIS:**

Thank you Comptroller Kubal. I did skip over one item the approval of the bills. So, we're gonna let Comptroller Kubal get ready for city council but before we do that, you should have the bills in front of you in the total amount as of 12/19 is \$604,761.63. Looking for a motion for approval of the bills?

**ALD SWANSON:**

I'll make that motion.

**ALD OSENGA:**

Second.

**MAYOR CURTIS:**

Motioned by Alderwoman Swanson and Seconded by Alderman Osenga. Any questions on the bills? Seeing none, Roll Call.

**ZACH NEWTON:**

Ald Lewis - Aye  
Ald Prude - Aye  
Ald O'Brien - Aye  
Ald Osenga - Aye  
**AYES: 8**

Ald Swanson - Aye  
Ald Johnson - Aye  
Ald Jones - Aye  
Clerk Gall - Aye  
**NAYS: 0**

## **OLD BUSINESS**

**MAYOR CURTIS:**

Those are approved. Thank you Comptroller and we'll see a little bit later. We're now going to move on to Old Business that is section six. Just want to give you a quick hydro update. So as Mr. Newton had mentioned, we've gotten a couple of the preliminary reports back for the underwater inspection. There was really nothing major that came out of those reports. The next step will now be the final report from Sergeant & Lundy they'll take these reports or analyze them. And they'll start working on some cost estimates when it would come to us to basically rehab the entire Hydro Plant to get it back online. But in the meantime, there was just a couple little things that were in these reports. Can you kind of go over those real quick?

**ZACH NEWTON:**

Yes, sure. So, right so we get the final report back from JF Brennan. They did the dive. So, they were the inspected the walls on the upstream side, the head of the dam and the trash rakes and the foot of the building on the downstream side. They were not able to because of water levels to inspect the toe of the dam. But what they did inspect

basically, they found some mild, moderate spalling. Overall, there's really nothing of significant concern that needs immediate attention. This is now on result who to do the to give us their final report. And then as the Mayor said, Sergeant Lundy to kind of put it all together for us and give us a timeline and put a price tag on what it's going to cost to rehab.

**MAYOR CURTIS:**

Basically, overall things are progressing. We're hoping somewhere in the first early second quarter that we'll have some information is what we're hoping to bring back to you. But is there any questions regarding or at the Hydro Plant so far? Thank you, appreciate it. Okay, we have no unfinished business. We're gonna move on to Item eight and that is New Business. We have Mr. Keith Mulholland from Robinson engineering here, and he's gonna hand out to you. This is the road condition survey, the pavement analysis that was reauthorized back in the spring. And they did an analysis he's gonna go through this this looked at all the streets within the city of Kankakee, and then also the alleyways within the city of Kankakee. I'll let Mr. Mulholland talk about all that. We did try to break it out two different ways because I think as most of us know the alleyways. Almost 90% are in we'll call poor shape. So, we did try to break it out. We'll go through that because I didn't want the overall road condition to look like the entire city is in poor shape. And we do know what the alleys look like right now. So, we'll let him finish handing it out and we'll kind of go let Him lead the discussion.

**KEITH MUHOLLAND:**

Thank you, Mayor, as the Mayor mentioned, I was here earlier this year to go over this when we first started this project and we have since completed it. So, I have passed out everybody I'll just go through the packet if it's okay rather than throw it on the overhead projector. So, the project was evaluated using an ASTM industry standard D 643309. What that does is it gives an objective evaluation of all those roads and alleys rather than individual people going out who may come up with different alternates. The software that we use to analyze it was called paver. It was originally invented by the Department of Defense in the late 1970's. The military was using it to evaluate their assets their military bases, the assets they had there. The city had 118 miles of roadway that were evaluated. We

didn't look at county or state highways within the city limits. And then 40 miles of alleys

**MAYOR CURTIS:**

Can I ask real quick question? When you say it and so like a good example, Indiana and Harrison Avenue we did not evaluate those correct because those are state highways.

**KEITH MOHULLAND:**

Yes, you won't be responsible for upgrading those roads. So, any roads that you're not responsible for we're not included in the scoring.

**MAYOR CURTIS:**

So, for everyone's knowledge that'd be like Court Street, Indiana Harrison, annual state highways. What's that? Rivers a city road.

**KEITH MOHULLAND:**

Half a block east of Indiana, to Washington as the state but the rest of its city. So, why conduct a pavement analysis? Again it gives an objective evaluation of all the streets we looked at the city on a word by word basis as well as the city as an entirety. It can be used to help budget long term payment projects and also potentially save money by doing some work on roads like crack sealing that would prevent more expensive repairs down the road. Pavement condition index this is a score that's given and each block was evaluated whether it be a road or an alley. The scoring is from zero to 100. Zero is a failed pavement 100 is a new or recently reconstructed pavement. They look at 20 Different distress types 50 to 65 is a range where the pavement and I'll get to in a future page here but that's where the pavement will start to deteriorate at a faster rate. 40 is looking at the streets in the condition and the scoring 40 is a pretty good range for the city for the street, that's a good average pavement that below that you're gonna start to get into more substantial improvements. On the pavement condition index page. So, they looked at they looked at the 20 distresses but they look at things in a couple of different ways. So, every road starts out at 100. and the more failures you get, the score just starts dropping down. It's basically taking points away. So, if we just pick a distressed type say a crack, but look at how many cracks are out there, as well as what the severity is some roads, the cracks start out very narrow. Again, if you can crack seal those early, get those fixed. If they go on longer, the cracks start to get wider and then you start to get pieces of paper breaking off. The color chart here basically assesses them green as 100 that would



be your new pavement. Those are your best and the gray is the worst at 10. The page that shows the graph on it is the pavement, pavements or top 100 and as time goes on the road starts to deteriorate. Again, in that 50 to 65 range is when the pavement starts to the deterioration starts to accelerate again, these colored lines on the top just represent different rehabilitations that you can do to extend your pavement life. Again, crack sealing and surface treatments are relatively cheap errors versus patching and overlaying or reconstruction. If you catch a road too late in its service life, you're basically either significant patching or reconstruction. The next page is the word map. I apologize, I knew you guys just tweaked a few of your word limits. We'd finished this just before you guys completed that. But the average number of miles and alleys each for each word is 22.7. The average PCI score was 36.9 just below that 40 I talked about. That includes your alleys which are dragging down that number of the roads by themselves are higher. So again, the different wards range from 33 to 42. Again, the alleys are a significant part of that. To give an example of what the different scores look like in different road sections, we just picked some random streets here with different scores in the different categories. There were pictures taken for all of the streets again, every 20 feet there were a number of picture taken from the streets. These are representative that one ward is better than another. This is just a sampling of different conditions throughout the city. So, Dearborn Avenue was milled and overlaid within the last couple of years. It's in very good shape, less than point 1% cracking on the surface, so that's in very good shape. So, this industry is starting to see a little bit of alligators as well as longitudinal and transverse cracks, longitudinal or cracks in the direction that you drive transverse or perpendicular. The next page and some of these are a little bit hard to see in the size, but on Summit Avenue. If you look to the left of the pavement, you start to see some darker areas where it's starting to get some additional cracking and potholing a little bit of running and some alligator going south Fifth Avenue in front of the red car you can see where there's some pretty serious balling in the pavement. That's a PCI of 47. The next couple of pages again, that just shows more deteriorating streets as they go on River Street had a score of 30 the left side of the page



that some pretty severe riding on that side. When you get to West St. You can actually see the size of the cracks there. Those are getting pretty significant PCI. And the last one is long wood with a PCI of seven. Basically, the entire edge of pavement is rotted and below your curb line. You can see it start where it's been holding water and failing along the payment edges. The next page just gives a summary. The top right is a graph and it shows the PCI by percent of mile percent of roads as well as miles again this is combined with your alleys and your roads. Your rows by themselves have a score for 44.7 which again is in decent shape. Your alleys are at 17 which I'm sure most of you are aware in pretty rough shape. The next one in next page is just a bar graph showing again your payment conditions separated out from the alleys the alleys are dragging down the overall score for the for the analysis. What I've done is included a couple of pages from this is just from the first ward it's just for this meeting for tonight. Clerk Gall is gracious enough, she's going to take some packets over to City Hall for everybody for each of your specific wards they'll have some maps and those will be put into your mailboxes but just for sake of an example for tonight, if you look at the road condition, again it's each block is broken out individually for the score as well as separately for the alleys. The next page just gives an example of a recommended 10-year plan for rehabilitation the city if we were to spend all of your MFT money on your road program, you're getting about \$157,000 per ward per year. So, we looked at the scores of each of the road segments and came up with just a recommended list that would fit within that budget over the next 10 years. Again, looking at the worst of the streets but also with fitting within the budget you have for each ward. Again, this information will be provided to you all your mailboxes for your specific words. So, we did that analysis for border we also did it on the city as a whole that's all about a report that the Mayor has anybody have any questions?

**MAYOR CURTIS:**

We have an overall report that we will give each of you for your ward. On tonight's counsel we will be doing some MFT and we will go out for bid so as the next year comes along we can upgrade the lines on the work that's being done and converting to the accurate color.

**KEITH MOLHULLAND:**

We are providing the information to Zach so he can update the website and keep that moving forward.

**MAYOR CURTIS:**

Once you get to that red or grey you have 25% and 12% there. That includes alleyways also but 25% of the city is at a critical level. Each of you know in your wards where the really bad areas are at but this will let you know what's getting worse and we can let Mr. Lopez and Mr. Hasik with their new machine that we got to try to hit some of these and buy some lifetime of 3-4 years down the road until we can do some work. Are there any questions for Mr. Mohulland? Alderman O'Brien?

**ALD O'BRIEN:**

Keith, how does the paver system evaluate the section of the road? How does that work?

**KEITH MOLHULLAND:**

There is a van outfitted with lasers as well as cameras and they drive the different streets. They keep track of the number of bumps and potholes. The full report and all the information Zach will get there are pictures shown with cracks in the pavement and different sections. So, it is a machine and they drove it all over town.

**MAYOR CURTIS:**

Any other questions? I am sure you are all anxious to get your reports and look at them. We will definitely get those to everybody. Thank you.

**KEITH MOLHULLAND:**

Thank you very busy and as the Mayor said before the decorations are very nice. I like the wreath on the stairs. Good job!

**MAYOR CURTIS:**

That's Zach, Clara and their teams. Thank you. So again, we will get your ward maps for you to look at and the goal is to come back to the next ESU meeting with your questions, thoughts and analysis to see if you concur. It will go on the website for the residents to see. We do not have a need for an executive session tonight. Do you want to keep the meeting at 5:30PM or move it back to 6PM?

**ALD SWANSON:**

Question, if we move it back to 6PM and there is something on the agenda that is long, is it a big deal to switch it for that meeting to 5:30PM or do you have to post that? It seems to me that there have only been two meetings that ran over. I will do either way. It doesn't make any difference to me. I just wondered how difficult it would be.

**MAYOR CURTIS:**

We can adjust it. I just a matter of posting and the cost in the paper and everything. Again, I don't want you to come here at 5:30PM and have 45 minutes between meetings if you prefer to have that half hour and get ere at 6PM. Or do you like to have that break between meetings.

**ALD PRUDE:**

My thought is like Danita's. If there is something that was long then we come in at 5:30PM but I prefer to go back to 6PM.

**MAYOR CURTIS:**

With that we will take a look at the upcoming meetings. Moving on to Item 10, motion to adjourn.

**ALD PRUDE:**

So move.

**ALD OSENGA:**

Second.

**MAYOR CURTIS:**

Motioned by Alderman Prude and Seconded by Alderman Osenga. All in favor?

**ESU BOARD:**

Aye.

**MAYOR CURTIS:**

Okay, we are adjourned.

# ENVIRONMENTAL SERVICES UTILITY

## ACCOUNTS PAYABLE

January 17, 2023

<u>CHECK#</u>	<u>DATE</u>	<u>VENDOR</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>ACCOUNT</u>
32952	1/17/2023	A TOUCH OF GLASS CLEANING	DEPOT/CLEANING SVC-NOV	1,440.00	51.20.527
32952	1/17/2023	A TOUCH OF GLASS CLEANING	DEPOT/CLEANING SVC-DEC	1,680.00	51.20.527
			CHECK TOTAL	3,120.00	
32953	1/17/2023	A-1 RAICHE LOCKSMITH	KEYS, RINGS	17.65	51.20.503
32954	1/17/2023	ADVANTAGE COPIER EQPMT	SAFETY,EMERGENCY MANUALS	149.00	51.50.502
32955	1/17/2023	ARAMARK	LAB COATS 12/14	37.78	51.20.518
32955	1/17/2023	ARAMARK	LAB COATS 12/21	37.78	51.20.518
32955	1/17/2023	ARAMARK	LAB COATS 12/28	37.78	51.20.518
32955	1/17/2023	ARAMARK	LAB COATS 1/4	37.78	51.20.518
			CHECK TOTAL	151.12	
32956	1/17/2023	BEAUPRE INC.	VEHICLE SAFTEY CHECKS	107.00	51.50.572
32957	1/17/2023	CARGILL, INC	SALT	6,457.23	51.50.502
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	SPRINGS	5.46	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	BRAKE PARTS CLEANER	102.96	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	STARTING FLUID, OIL	25.39	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	CONNECTORS	12.39	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	CONNECTOR, ELBOW	13.74	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	S12/EXACTFIT BEAM	39.98	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	BLADES, EXACTFIT BEAMS	161.58	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	S10/SWAY BAR REPAIR KIT	12.49	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	S19/BATTERY, DEPOSIT	160.90	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	S10/REPAIR KIT	24.00	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	S7/TRANSMISSION MOUNT	20.95	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	TRANS MNT,RPR KIT-RETURN	33.44CR	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	WASHER FLUID	68.40	51.50.572
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	SOAP BARREL PUMP	64.99	51.20.503
32958	1/17/2023	CHRISTIENSEN AUTO PARTS	ARMOR ALL	8.49	51.20.527
			CHECK TOTAL	688.28	
32959	1/17/2023	CINTAS CORPORATION	SAFETY SUPPLIES	43.85	51.10.566
32959	1/17/2023	CINTAS CORPORATION	FIRST AID SUPPLIES	50.50	51.40.522
32959	1/17/2023	CINTAS CORPORATION	FIRST AID SUPPLIES	44.49	51.20.527
			CHECK TOTAL	138.84	
32960	1/17/2023	COMED	0146085008 11/28-12/29	121.75	51.20.551
32960	1/17/2023	COMED	0134067011 11/28-12/29	162.63	51.20.551
32960	1/17/2023	COMED	0298092065 11/28-12/29	192.34	51.20.551
32960	1/17/2023	COMED	3195096142-AGG RPRT FEE	64.00	51.20.551
32960	1/17/2023	COMED	0063043121 11/28-12/29	152.49	51.20.551
32960	1/17/2023	COMED	0094099073 11/28-12/29	1,160.96	51.20.551



32960	1/17/2023	COMED	0128159053 11/28-12/29	813.05	51.20.551
32960	1/17/2023	COMED	01411963037 11/28-12/29	301.56	51.20.551
32960	1/17/2023	COMED	207105128 11/28-12/29	272.43	51.20.551
32960	1/17/2023	COMED	0458025048 11/28-12/29	326.53	51.20.551
32960	1/17/2023	COMED	1360457004 12/2-1/5	703.98	51.20.551
32960	1/17/2023	COMED	9117143011 11/22-12/27	336.83	51.20.551
32960	1/17/2023	COMED	3251141011 11/18-12/21	375.91	51.20.551
CHECK TOTAL				4,984.46	
32961	1/17/2023	CONNOR COMPANY	CONNECTOR, TUBE	20.89	51.20.577
32962	1/17/2023	EJ EQUIPMENT	RETRIEVAL POLE	89.12	51.20.502
32963	1/17/2023	EUROFINS ENVIRONMENT TESTING	TESTING 11/22	1,332.50	51.40.522
32963	1/17/2023	EUROFINS ENVIRONMENT TESTING	TESTING 11/29	320.00	51.40.522
32963	1/17/2023	EUROFINS ENVIRONMENT TESTING	TESTING 12/6	1,135.00	51.40.522
32963	1/17/2023	EUROFINS ENVIRONMENT TESTING	TESTING-12/13	312.50	51.40.522
CHECK TOTAL				3,100.00	
32964	1/17/2023	EUROFINS LANCASTER LAB	KENSING TESTING 12/2	1,207.50	51.40.522
32964	1/17/2023	EUROFINS LANCASTER LAB	CSL TESTING 12/16	5,917.50	51.40.522
32964	1/17/2023	EUROFINS LANCASTER LAB	MILLIPORE TESTING 12/16	5,917.50	51.40.522
CHECK TOTAL				13,042.50	
32965	1/17/2023	FISHER SCIENTIFIC	DISPENSER	476.18	51.40.502
32966	1/17/2023	FLEETPRIDE	FD ENG 6 FILTERS	42.54	51.50.572
32967	1/17/2023	GENERAL OIL EQPMT. & SUPPLIES	AIR REGULATOR	149.55	51.50.572
32968	1/17/2023	GORDON ELECTRIC SUPPLY	EMERGENCY LGHT/EXIT,BULB	359.15	51.33.503
32968	1/17/2023	GORDON ELECTRIC SUPPLY	TIME DELAY FUSE	188.20	51.33.503
32968	1/17/2023	GORDON ELECTRIC SUPPLY	STRAIGHT BLADE FLANGE	10.29	51.33.502
32968	1/17/2023	GORDON ELECTRIC SUPPLY	LIGHTS	360.72	51.33.502
CHECK TOTAL				918.36	
32969	1/17/2023	HICKSGAS	TANK RENTAL-OCTOBER	100.00	51.33.502
32969	1/17/2023	HICKSGAS	FORKLIFT PROPANE	55.42	51.20.572
CHECK TOTAL				155.42	
32970	1/17/2023	HOLOHAN HEATING & SHEETMETAL	TECH/GARAGE HEATER CHECK	508.79	51.20.577
32970	1/17/2023	HOLOHAN HEATING & SHEETMETAL	STN5/HEATER CHECK	173.75	51.20.577
32970	1/17/2023	HOLOHAN HEATING & SHEETMETAL	PSB/AIR HANDLER EMER RPR	578.50	51.20.577
CHECK TOTAL				1,261.04	
32971	1/17/2023	INTEGRATED PROCESS SOLUTIONS	WIN 911 EMAIL SERVICE	375.00	51.33.581
32972	1/17/2023	INTERSTATE BILLING SVC	BRACKETS	38.90	51.50.572
32973	1/17/2023	JACK'S CLEANING SERVICE	DPW/SERVICES-OCTOBER	780.00	51.50.522
32973	1/17/2023	JACK'S CLEANING SERVICE	DPW/SERVICES-NOVEMBER	780.00	51.50.522

32973	1/17/2023	JACK'S CLEANING SERVICE	ADM/SERVICES-OCTOBER	2,289.61	51.20.527
32973	1/17/2023	JACK'S CLEANING SERVICE	ADM/SERVICES-NOVEMBER	1,841.61	51.20.527
32973	1/17/2023	JACK'S CLEANING SERVICE	PSB/SERVICES-OCTOBER	3,329.52	51.20.527
32973	1/17/2023	JACK'S CLEANING SERVICE	PSB/SERVICES-NOVEMBER	3,779.52	51.20.527
32973	1/17/2023	JACK'S CLEANING SERVICE	ESU/SERVICES-OCTOBER	2,029.00	51.20.527
32973	1/17/2023	JACK'S CLEANING SERVICE	ESU/SERVICES-NOVEMBER	2,029.00	51.20.527
CHECK TOTAL				16,858.26	
32974	1/17/2023	KANKAKEE ACE HARDWARE	FASTENERS	31.67	51.50.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	CAP, PVC	8.23	51.20.577
32974	1/17/2023	KANKAKEE ACE HARDWARE	BAGS,BRACE, FILM	81.82	51.33.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	CAULK	6.71	51.20.577
32974	1/17/2023	KANKAKEE ACE HARDWARE	SHELF SUPPORT	3.45	51.50.572
32974	1/17/2023	KANKAKEE ACE HARDWARE	#21/TENSION CLIP	4.41	51.20.572
32974	1/17/2023	KANKAKEE ACE HARDWARE	CONCRETE	13.18	51.50.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	HOSE, COUPLE	24.56	51.20.577
32974	1/17/2023	KANKAKEE ACE HARDWARE	PURELL, LYSOL	11.00	51.33.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	WIPES,WINDEX,CLOTHS	28.61	51.50.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	LEVEL	6.71	51.50.502
32974	1/17/2023	KANKAKEE ACE HARDWARE	NUTSETTER, FASTENERS	44.14	51.50.502
CHECK TOTAL				264.49	
32975	1/17/2023	KANKAKEE RIVER METRO	OPERATIONS,MAINT-JANUARY	275,942.00	51.30.553
32975	1/17/2023	KANKAKEE RIVER METRO	OWNERSHIP-JANUARY	192,091.00	51.30.553
32975	1/17/2023	KANKAKEE RIVER METRO	BOND DEBT SVC-JANUARY	69,395.00	51.30.553
CHECK TOTAL				537,428.00	
32976	1/17/2023	KANKAKEE TANK WASH	#26/TRUCK WASH	183.00	51.50.572
32977	1/17/2023	LABEAU BROTHERS, INC	S40/DIAGNOSIS	162.50	51.50.572
32978	1/17/2023	LAWSON PRODUCTS, INC	HEX NUTS,PLOW BOLTS	759.38	51.50.572
32979	1/17/2023	LIGORI AUTO WRECKING	TIRE DISPOSAL 1/4	446.00	51.50.522
32980	1/17/2023	LOWES	LED LIGHTS	49.32	51.20.577
32980	1/17/2023	LOWES	LIGHTS,CORDS,PICKUP TOOL	97.19	51.20.577
32980	1/17/2023	LOWES	POWER TOOL BATTERY KIT	189.05	51.20.577
32980	1/17/2023	LOWES	LIGHTS, SPOT LIGHTS	364.57	51.20.577
32980	1/17/2023	LOWES	POWER TOOL FLASHLIGHT	103.55	51.20.577
CHECK TOTAL				803.68	
32981	1/17/2023	MACQUARIE EQPMNT CAPITAL	1893439002 /12/27-1/26	10.00	51.20.501
32982	1/17/2023	MENARDS #30930322	TOTES, SOCKET ADAPTER	52.23	51.20.502
32982	1/17/2023	MENARDS #30930322	SALT, KEY RINGS	353.58	51.20.577
32982	1/17/2023	MENARDS #30930322	LED LIGHTS	293.20	51.20.577
32982	1/17/2023	MENARDS #30930322	LED LIGHTS, PRELIT TREE	234.92	51.20.577
CHECK TOTAL				933.93	
32983	1/17/2023	MICKEYS LINEN & TOWEL SUPPLY	3907 ESUE/RUG SVC 1/3	55.11	51.20.518
32983	1/17/2023	MICKEYS LINEN & TOWEL SUPPLY	3908 ESUW/RUG SVC 1/3	50.00	51.20.518

32983	1/17/2023	MICKEYS LINEN & TOWEL SUPPLY	5321 PSB/RUG SERVICE 1/3	67.55	51.20.518
32983	1/17/2023	MICKEYS LINEN & TOWEL SUPPLY	5210 ADM/RUG SERVICE 1/3	50.00	51.20.518
			CHECK TOTAL	222.66	
32984	1/17/2023	NICOR GAS	32167449522 12/5-1/5	55.31	51.20.552
32984	1/17/2023	NICOR GAS	06044948922 12/5-1/4	58.39	51.20.552
32984	1/17/2023	NICOR GAS	21506713011 12/5-12/4	53.38	51.20.552
32984	1/17/2023	NICOR GAS	80197020003 12/5-1/4	176.78	51.20.552
32984	1/17/2023	NICOR GAS	20336504590 11/17-12/17	1,490.45	51.20.552
			CHECK TOTAL	1,834.31	
32985	1/17/2023	NSI LAB SOLUTIONS	WATER, GREASE SAMPLES	144.25	51.40.529
32986	1/17/2023	O'REILLY AUTO PARTS	S7/BLOWER RESISTOR KIT	15.11	51.50.572
32986	1/17/2023	O'REILLY AUTO PARTS	S7/MOTOR SWITCH	6.28	51.50.572
32986	1/17/2023	O'REILLY AUTO PARTS	S7/TRANS MOUNT	28.10	51.50.572
			CHECK TOTAL	49.49	
32987	1/17/2023	OUTSEN ELECTRIC INC.	KENNEDY,BROOKMONT TRAFFC	137.00	51.33.581
32988	1/17/2023	PACE ANALYTICAL SERVICES	TESTING 12/15	196.57	51.40.522
32989	1/17/2023	PEERLESS NETWORK	87740017800 1/15/23	120.23	51.20.554
32990	1/17/2023	PIGGUSH ENGINEERING	AQUA, COBB BLVD	60.00	51.10.522
32991	1/17/2023	PROTECTION ASSOCIATES	ADM/ALARM 2/1-4/30	135.00	51.20.522
32991	1/17/2023	PROTECTION ASSOCIATES	ADM/FIRE ALRM 2/1-4/30	165.00	51.20.522
			CHECK TOTAL	300.00	
32992	1/17/2023	RELIABLE RADIATOR & AUTOMOTIVE	RADIATOR REPAIR	87.00	51.50.572
32993	1/17/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 12/1	60.00	51.50.522
32993	1/17/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 12/6	121.00	51.50.522
32993	1/17/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 12/9	60.00	51.50.522
32993	1/17/2023	RIVERSIDE WORKFORCE HEALTH	NH SCREEN 12/13	150.00	51.50.522
32993	1/17/2023	RIVERSIDE WORKFORCE HEALTH	NH SCREEN 12/9	150.00	51.50.522
			CHECK TOTAL	541.00	
32994	1/17/2023	RON O'CONNOR	TREE STUMPS 12/7	300.00	51.50.531
32995	1/17/2023	RYAN NORWELL LAW	SERVICES-DEC	7,500.00	51.10.522
32996	1/17/2023	STAPLES CREDIT PLAN	TONER, PAPER TOWELS	216.56	51.40.502
32997	1/17/2023	SUBURBAN LABORATORIES	SLUDGE SAMPLES 12/15	390.50	51.40.522
32998	1/17/2023	UNIFIRST CORPORATION	UNIFORMS 11/28	108.69	51.50.522
32998	1/17/2023	UNIFIRST CORPORATION	UNIFORMS 12/5	92.01	51.50.522
32998	1/17/2023	UNIFIRST CORPORATION	UNIFORMS 12/26	90.05	51.50.522
			CHECK TOTAL	290.75	

32999	1/17/2023	UNIVERSAL BACKGROUND SCREEN	NH SCREENS-DEC	82.16	51.50.522
33000	1/17/2023	USABLUEBOOK	7.40 BUFFER	299.08	51.40.502
33000	1/17/2023	USABLUEBOOK	TESTING KITS	850.59	51.40.502
			CHECK TOTAL	1,149.67	
33001	1/17/2023	VIERS COFFEE	WATER, COOLER RENTAL	270.94	51.20.577
33001	1/17/2023	VIERS COFFEE	COFFEE	43.49	51.50.502
			CHECK TOTAL	314.43	
33002	1/17/2023	WAREHOUSE DIRECT OFFICE	KEYBOARD	54.09	51.50.502
33003	1/17/2023	WELDSTAR COMPANY	CYLINDER RENTAL	86.58	51.40.503
33004	1/17/2023	WENTWORTH TIRE SERVICE	TIRES	826.88	51.50.572
33004	1/17/2023	WENTWORTH TIRE SERVICE	TIRES	308.44	51.50.572
			CHECK TOTAL	1,135.32	

<b>TOTAL 1/17/23</b>	<b>\$ 608,544.89</b>
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FOR ESU COMMITTEE

TOTAL 1/3/23	315,339.70
TOTAL 1/17/23	608,544.89
TOTAL FOR JANUARY	\$ 923,884.59



## **ESU Street & Alley Report for January 17, 2023**

- 1) Alleys: Work Orders from Code have dropped off significantly. With the mild winter it has allowed us to convert trucks over so we can run brush/rubbish in the alleys and terraces.
- 2) Snow: Snow event over the holiday weekend resulted in significant overtime.
- 3) Tree Work: With the end of leaf season we have increased our efforts to address tree concerns. We continue to find and address damage from the storm last fall. We are making considerable progress on the backlog of woody waste at the Starlite.
- 4) Patching: Patch truck is out daily as weather permits.
- 5) Mowing: We have gone through the list of City owned properties to address brush, trees, or other elements that hinder mowing. We have started the process on detailing County Trustee properties and several code work orders from last summer.
- 6) Miscellaneous: Christmas decorations have been removed / stored. We have moved our seasonal equipment into the new PSI build. Salt shed is almost completed.



## ESU TECHNICAL SERVICES REPORT DECEMBER 2022

### Aqua Liaison Report

4 Billing Correction  
2 Calls to DPW  
2 Calls to Republic  
2 Services Moving  
Investigated 4 customer complaints  
Worked with Code Enforcement regarding 1 property  
Assisted Aqua regarding 1 property

### Com Ed Liaison

Reported Com Ed Poles cables hanging too low in alleyways  
Second request to remove wrap from power lines

### Administrative and Management

- Preparing Traffic/Energy/Historic Light Invoices
- Dispatched Calls to Sewer and Tech Services
- Assist with Monthly Reports
- Monitored Technical Services Budget
- Draft of Department Budget for new fiscal year
- Preparing a list of capital repairs
- ESU Tech accts receivable and prepared payables
- Prepared ESU minutes and board packet
- Assisted walk-in customers, residents and elected officials
- Met with Traffic vendors regarding parts and products
- Met with Crew daily and prioritized upcoming projects
- Processed inventory and ordered supplies for upcoming repairs and projects
- Weekly meeting with Sewer/GIS Operations Manager
- Planning for Christmas 2023

## **Traffic and Electrical**

- Brookmont and Kennedy was in flash due to a bad load switch on phase 1.
- Brookmont and Rt. 50 we replaced a burnt out green LED on the Southwest corner.
- Rt. 45 and South Tec had a 3 section head pointing in the wrong direction.
- Court and Indiana had a bad pedestrian button on the Southeast corner.
- Rt 45 and I-57 North bound was in flash due to a bad load switch on phase 8.
- Rt 45 and I-57 South bound had a stuck loop detectors on phase 4 and phase 1.
- Rt 45 and Riverstone had a stuck loop detector on phase 8.
- Harrison and Chestnut the A-base pole and the cabinet were hit. We were able to stand the damaged cabinet backup but it needs to be replaced.
- Court and Curtis we replaced 2 pedestrian count down LEDs.
- Court and Wall we replaced 2 pedestrian count down LEDs.
- Replaced 17 250watt metal halide lamps on Court St. between Harrison and Eastgate.
- Repaired 3 LED cobra head light fixtures on Merchant between Harrison and Dearborn.
- Picked up a hit and run street light on Rt. 50 and Grinnell.
- Picked up a hit and run historical pole on River and Rosewood. We replaced it with a spare pole and light fixture.
- Repaired a street light on Rink Rd.
- Upgraded the can lights to LEDs in the Council Chambers.
- Replaced 22 burnt out lamps in the Men's and Women's locker rooms at the Public Safety Building.
- Replaced the unit heater at Kensington lift station.
- Reset the overloads on the elevator at Garr Creek lift station.
- Worked on cameras.
- Made network cables for the new police cars.
- Relocated the thermostat in the Public Safety garage.
- Finished putting up the Christmas lights downtown.

# Environmental Services Utility Sewer Services

## Monthly Report – DECEMBER 2022

Sewer Calls: 3

Grease Traps Inspected: 24

JULIE Locates: 292

Sanitary and Storm Lines Cleaned: 34,080ft (6.45 miles)

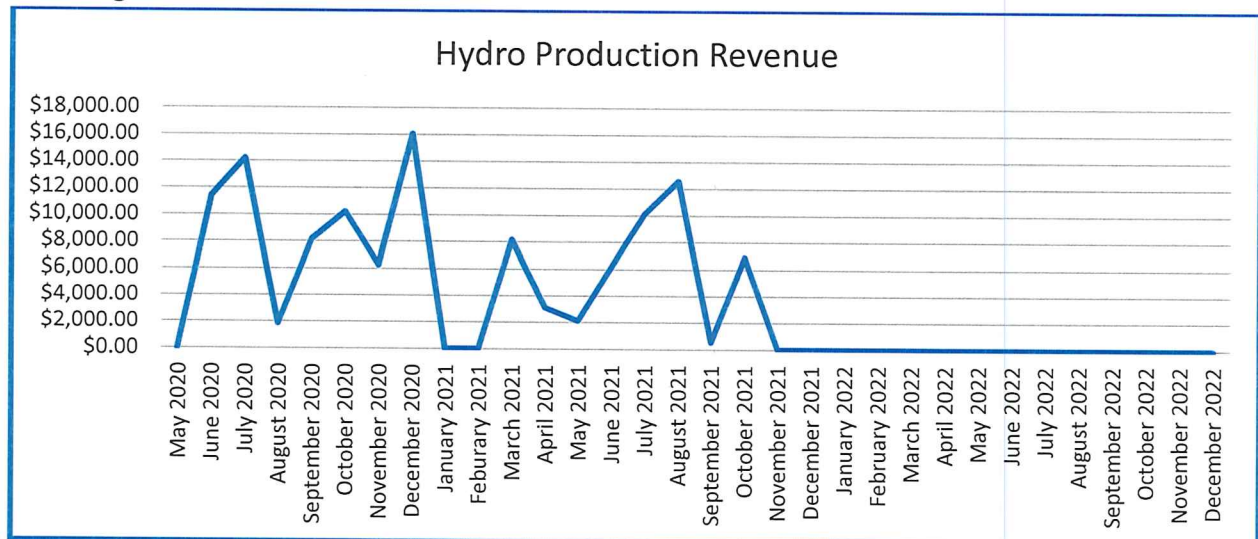
Sanitary and Storm Lines Televised: 1,440ft (0.27 miles)

### Hydro Production Report

“Hydro” – 0 Production Hours – (Runs when weather and river conditions permit)

0 kWh Produced (0 Mega Watts) – NOT RUNNING

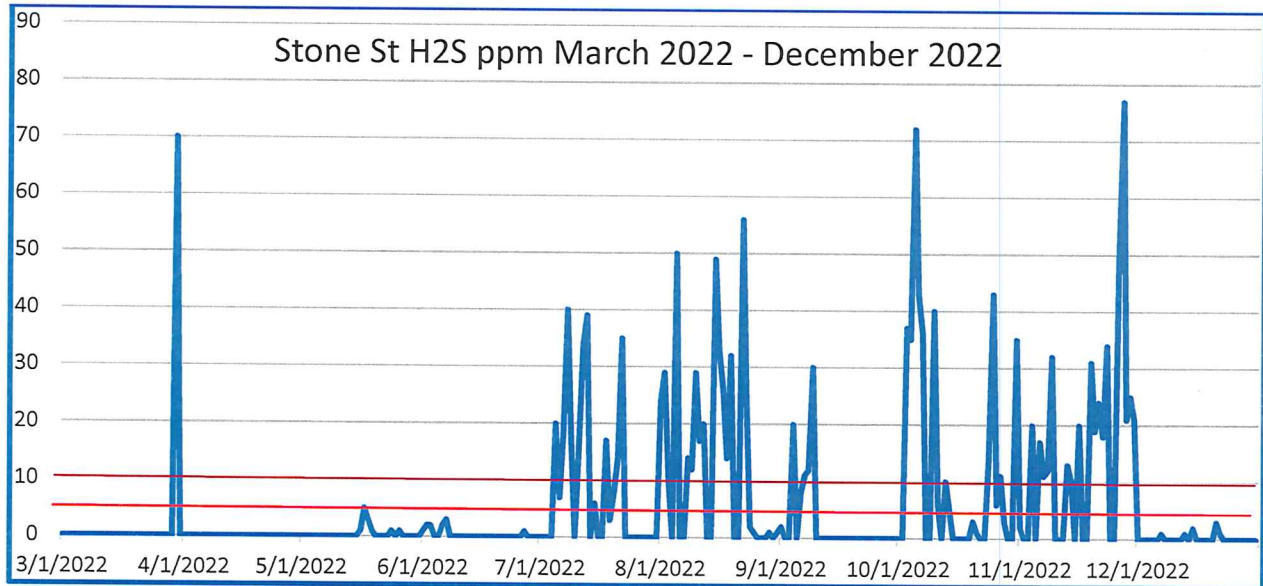
**Working on Rehabilitation Plan**





### Lift Station Updates

H2S levels at Stone St.



### Construction Updates

Seasonally on hold until break in weather

### Infrastructure Updates

EIA-923M for December reported to EIA

Yearly Reports (EIA-860 and EIA-923S) reporting period open. Preparing reports to file.

I and I Cleaning and Televising complete. "Good" data found

MH rehab fixes on hold until Spring as weather permits

Underwater Dam Inspection – Final received. Working with Rizzo and Sargent & Lundy on prices and timelines for repairs

DSSMP sent to FERC by 12/31 deadline. Continue to work on DSSMR and ODSP with Hydro Partners.

Pre-NOI for FERC relicensing on going with Stantec. Pre-Application Document (PAD) nearly complete.

Flow Meters monitoring on going.

Cypress and Entrance sinkhole is a broken sewer line. Waiting on contractor prices for fix.

### Building Maintenance Update

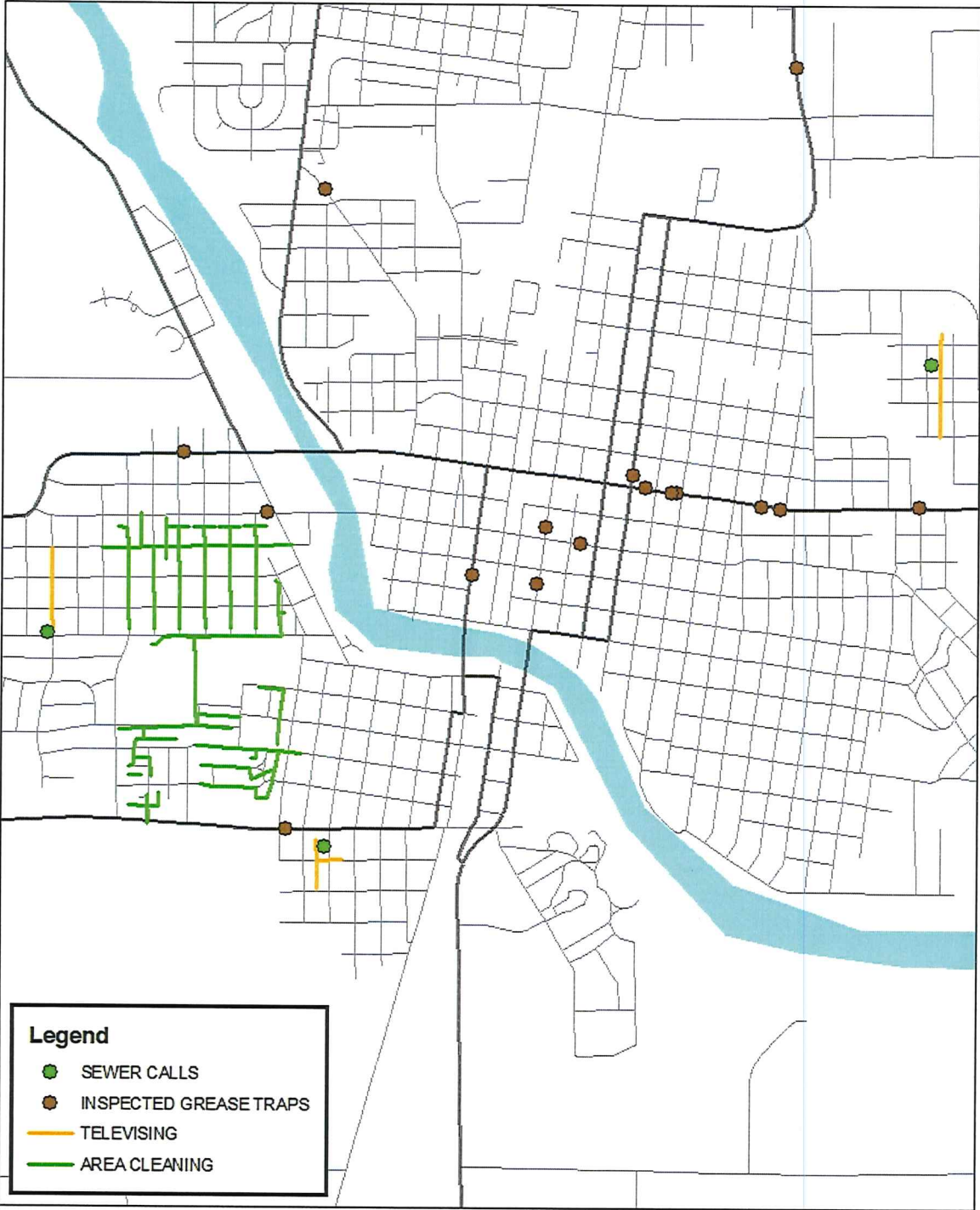
Admin HVAC electronic system malfunctions. Computer control access malfunction.

City Building sidewalks, parking lots, downtown lots snow removal

DPW Salt building construction cont.

Geographic Information System Updates

**DECEMBER 2022 SEWER CALLS, AREA CLEANING,  
GREASE TRAP INSPECTIONS, and CONSTRUCTION  
HAVE BEEN ADDED**



Example of why we televise sewer calls when the issue is not in our main

Homeowners lateral full of roots and debris. Plumber rods the lateral and the debris ends up in our main. Left unaddressed the blockage will continue to collect debris until the flow in our main line is stopped.





# **INDUSTRIAL--LAB SERVICES MONTHLY REPORT**

## **December 2022**

### **I. Industrial Services – Pretreatment Program**

#### **A. Automatic 24-Hour Composite Sampling:**

1. Zip Pak - 3 days
2. SWD– 3 days
3. Millipore– 3 days
4. CSL– 3 days

#### **B. Monthly random grab samples due to inconsistent compliance with pretreatment and/or City Ordinance limits at:** None for December 2022

#### **C. Miscellaneous**

1. Lab management prepared and forwarded the laboratory billing invoice for testing both to KRMA and to the Comptroller's Office.
2. Lab management performed random industrial spot checks throughout the month.
3. Lab management forwarded monthly wastewater reporting for Armstrong Cooling Water to the respective Armstrong personnel, Stelle wastewater reporting to the respective community of Stelle personnel, CHS (Central High School) wastewater reporting to the respective CHS operations personnel, Clifton wastewater reporting to the respective Clifton operations personnel, and Van Drunen wastewater reporting to the respective Van Drunen personnel.
4. Lab management received and reviewed the monthly continued compliance report from Special Waste Disposal for December 2022 (due by end of January). Submission of the monthly report is a permit requirement for SWD.
5. Lab personnel have continued testing on industrial and hauled-in dischargers for total phosphorus through December 2022 (began in October 2020). Per KRMA request, testing will continue and results will be forwarded until further notice.
6. Lab management has kept in regular contact with CSL Behring as they have developed a compliance plan/schedule for both pH adjustment and ammonia treatment. Phase one (permanent pH treatment) commenced on Monday, October 11, 2021. CSL Behring has achieved a more consistent pH as a result of phase one. Phase 2 is essentially complete and has started testing with seed received from KRMA. It is expected to take a few months to see the full results.
7. December 2022 (and since late 2018) has continued to see Kensing sending mostly untreated wastewater to the KRMA plant as a result of their complete shutdown of their activated sludge treatment system. Dosing of an odor control agent with assistance from an environmental contractor has commenced in March 2020 and is ongoing. Lab management continues to forward communication from Operations management on H<sub>2</sub>S concentrations within the lift station/sewer infrastructure to Kensing as part of their ongoing data collection. There were meetings over the increasing H<sub>2</sub>S concentrations in August 2022 and the H<sub>2</sub>S concentration has begun to come down to an acceptable level.
8. The Dow (Rohm Haas) Remediation site (located on the south end of BASF property) continues to be shut down through December 2022 and as such there are no pretreatment requirements. In continuing their rebound study, Dow is

pursuing a “No Further Action” (NFA) status with Illinois EPA. As such, no further discharge is planned under this wastewater permit which has not been renewed. Communication has been received by Dow’s environmental contractor and NFA has not been granted yet. For this remediation site, Dow is still working through the reporting process and discussion with IL EPA for the NFA. The NFA status is expected to be done no earlier than spring 2023.

9. Partnering with Operations Management, the Lab Group has successfully begun the process of sampling/testing for the City’s MS4 (Municipal Separate Storm Sewer System) NPDES permit. There are eight outfalls within or just outside City borders that will be sampled quarterly for a range of parameters including solids, pH, mercury, and oil/grease (total of 11 different analyses). The October MS4 sampling was successfully completed. The next round of testing will begin in March of 2023.
10. The laboratory has begun testing four sample locations for KRMA (upstream and downstream Kankakee River along with Station Street Bridge and Warner Bridge) for total phosphorus starting August and continuing into October 2021. This testing is being performed to assist KRMA with their current NPDES permit with a special condition for a Nutrient Assessment Reduction Plan (NARP). This testing has been concluded for 2022 and will resume in May 2023 at a frequency of once a week.
11. The laboratory has received the truck that was purchased from Court Street Ford. This truck was received in not perfect condition and was sent back to ensure that corrections were made. After some corrections were made and others scheduled, the lab has received the truck and has begun to use it in a day-to-day capacity.
12. The ICP from Perkin Elmer has been installed and training is underway. Two sets of samples have been officially analyzed and the results are very promising. There is a large increase in accuracy, efficiency, and a much more streamlined process. Overall, this instrument is working very well.

## II. Industrial Monitoring Program (User Charge)

### A. For the month of November 2022, the approximate number of samples collected:

200	Scheduled user-charge grab samples
251	Industrial spot checks
10	Oil & Grease samples
<u>3</u>	Continued pretreatment monitoring – grab samples
464	<b>Total for the month (20 days)</b>

### B. Wastewater Violation Discharge Notice issued for:

None issued for December 2022

### C. User Charge Billing Reports

1. The monthly user charge/pretreatment billing reports were prepared and submitted to the Comptroller’s Office for final processing.
2. Flow summaries for the “**Big Two**” Industries for 2022:

2022	Kensing	CSL Behring
	Total Flow	Total Flow
	MG	MG
Month		
Jan-2022	20.055	24.9534
Feb-2022	19.108	23.4542
Mar-2022	19.7457	33.0616
Apr-2022	21.38767	32.2495
May-2022	20.6507	35.7583
Jun-2022	17.2541	34.3234
Jul-2022	18.5813	24.7350
Aug-2022	18.0642	28.8736
Sep-2022	18.5482	27.2266
Oct-2022	17.5853	32.7722
Nov-2022	18.1566	35.7667
Dec-2022	20.2531	34.3519
TOTAL	229.38987	367.5263
Average	19.1158	30.6272



3. Monthly industrial flow/surcharge/pretreatment billing summaries for 2022:

INDUSTRIAL MONTHLY CHARGES			
2022			
	KENSING	CSL/NORTH	ROHM HAAS/DOW
<b>JANUARY</b>			
Flow Charges	\$224,081	\$278,812	\$27,460
Surcharge/Pretreatment	\$22,413	\$19,729	\$17,442
<b>FEBRUARY</b>			
Flow Charges	\$213,496	\$262,061	\$17,844
Surcharge/Pretreatment	\$18,740	\$35,679	\$19,737
<b>MARCH</b>			
Flow Charges	\$219,789	\$369,407	\$15,657
Surcharge/Pretreatment	\$16,209	\$50,183	\$14,319
<b>APRIL</b>			
Flow Charges	\$238,971	\$360,333	\$18,500
Surcharge/Pretreatment	\$27,255	\$46,369	\$16,642
<b>MAY</b>			
Flow Charges	\$246,363	\$426,597	\$20,318
Surcharge/Pretreatment	\$26,661	\$55,112	\$19,107
<b>JUNE</b>			
Flow Charges	\$205,842	\$409,478	\$18,562
Surcharge/Pretreatment	\$17,268	\$47,633	\$15,563
<b>JULY</b>			
Flow Charges	\$221,675	\$295,089	\$23,888
Surcharge/Pretreatment	\$16,117	\$11,800	\$21,821
<b>AUGUST</b>			
Flow Charges	\$215,506	\$344,462	\$21,122
Surcharge/Pretreatment	\$19,043	\$46,138	\$14,704
<b>SEPTEMBER</b>			
Flow Charges	\$221,280	\$324,814	\$18,693
Surcharge/Pretreatment	\$17,573	\$45,868	\$823
<b>OCTOBER</b>			
Flow Charges	\$209,793	\$390,972	\$17,806
Surcharge/Pretreatment	\$18,831	\$49,307	\$14,721
<b>NOVEMBER</b>			
Flow Charges	\$216,608	\$426,697	\$14,262
Surcharge/Pretreatment	\$15,991	\$64,909	\$11,369
<b>DECEMBER</b>			
Flow Charges	\$241,619	\$409,818	\$16,723
Surcharge/Pretreatment	\$16,621	\$10,085	\$20,121

### III. Analytical Services

- A. Lab is running normally with some employee absence.
- B. The DMRQA has been successfully completed

ICP Section samples from December 1, 2022 to December 31, 2022.

- Cyanide samples – 26 samples
- Industrial samples – 18 samples / 126 metals
- Hauler samples – 38 samples / 266 metals
- Mercury samples – 43 samples

### IV. Administrative Services – Administrative Specialist

- A. Covid 19 Precautions
  - Daily cleaning and disinfecting of office equipment, office area, and lab area
  - Per KRMA guidelines, no visitors are allowed in the building
- B. Continued to archive 2020 - 2021 industrial files – updated files for new fiscal year
- C. Prepared monthly report for Utility packet
- D. Met with Laboratory Services Operations Manager to go over daily agenda
- E. Weekly scanning and entering Laboratory Accounts Payables and forwarded to Comptroller's Office
- F. Liaison between Laboratory Services Operations Manager, industries, and KRMA Assistant Superintendent
- G. Continuation of updating the Industrial Compliance Letters with edits regarding personnel and address change
- H. Provide customer service to phone customers – no walk-ins allowed at this time
- I. Records daily and tallies monthly laboratory user charge data for each industrial user
- J. Administers the UPS shipping process; labeling, documentation for the KESU Lab Department and Technical Services Department.
- K. Prepares the monthly UPS bill for submittal to Laboratory Services Operations Manager and Comptroller's Office
- L. Entered monthly analytical metal results for hauled-in and industries into HACH program
- M. With assistance of Laboratory Services Operations Manager, continuation of archiving, organizing, and maintaining industrial pretreatment files

Submitted by:

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